

# Web Development

## CSS 101



# CSS

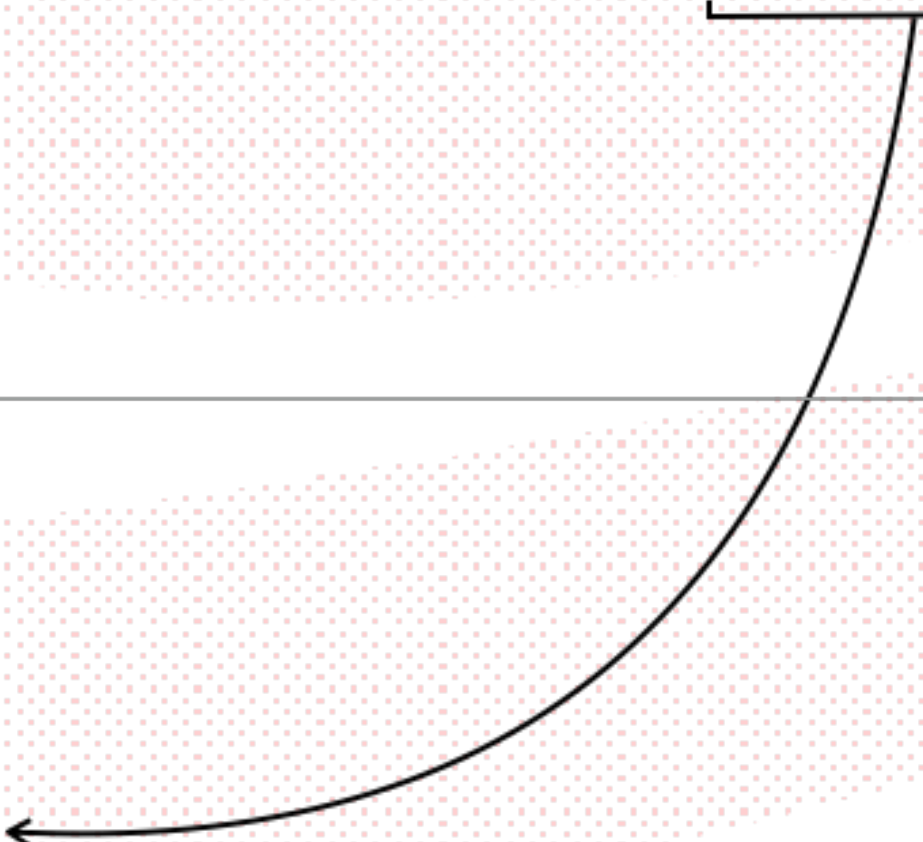


## Design

# Conectar ficheiros

 index.html

```
1 <head>
2   <link rel="stylesheet" href="style.css">
3 </head>
4 <body>
5   <h1>Hello</h1>
6 </body>
```




 style.css

```
1 h1 {
2   color: red;
3 }
```



# Web sem CSS

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Elements Console Sources Network Memory Performance Application Security Lighthouse AdBlock

```
<!DOCTYPE html>
<html class="homes-index" lang="en">
<head>...</head> == $0
<body class="homes-index" data-controller="modal city-dropdown-binder prospect-form-binder nodal-utilities cloak
ing" data-target="modal.modalOverflow modal-utilities.body" data-action=" bindSelectedCity->city-dropdown-binder#s
etSelectedCity bindProspectEmail->prospect-form-binder#setProspectEmail
modalOpening@window->modal-utilities#disableScrolling modalClosing@window->modal-utilities#enableScrolling
keydown->modal-utilities#closeWithEsc" data-new-gr-c-s-check-loaded="14.995.0" data-gr-ext-installed cz-shortcut-
listen="true">
  <div class="banner banner-info">...</div>
  <nav class="navbar-wrapper">...</nav>
</body>
</html>
```

Styles Computed Layout Event Listeners DOM Breakpoints Properties >>

Filter show .cls +

element.style {

\* {

box-sizing: border-box;

font-family: Graphik Regular, sans-serif, SimHei;

font-family: var(--content-regular), var(--content-hanzi);

letter-spacing: .1px;

color: #4a4a4a;

color: var(--dark-grey);

font-size: 1em;

frontend\_de\_accf0.css:1

html.homes-index head

Console What's New

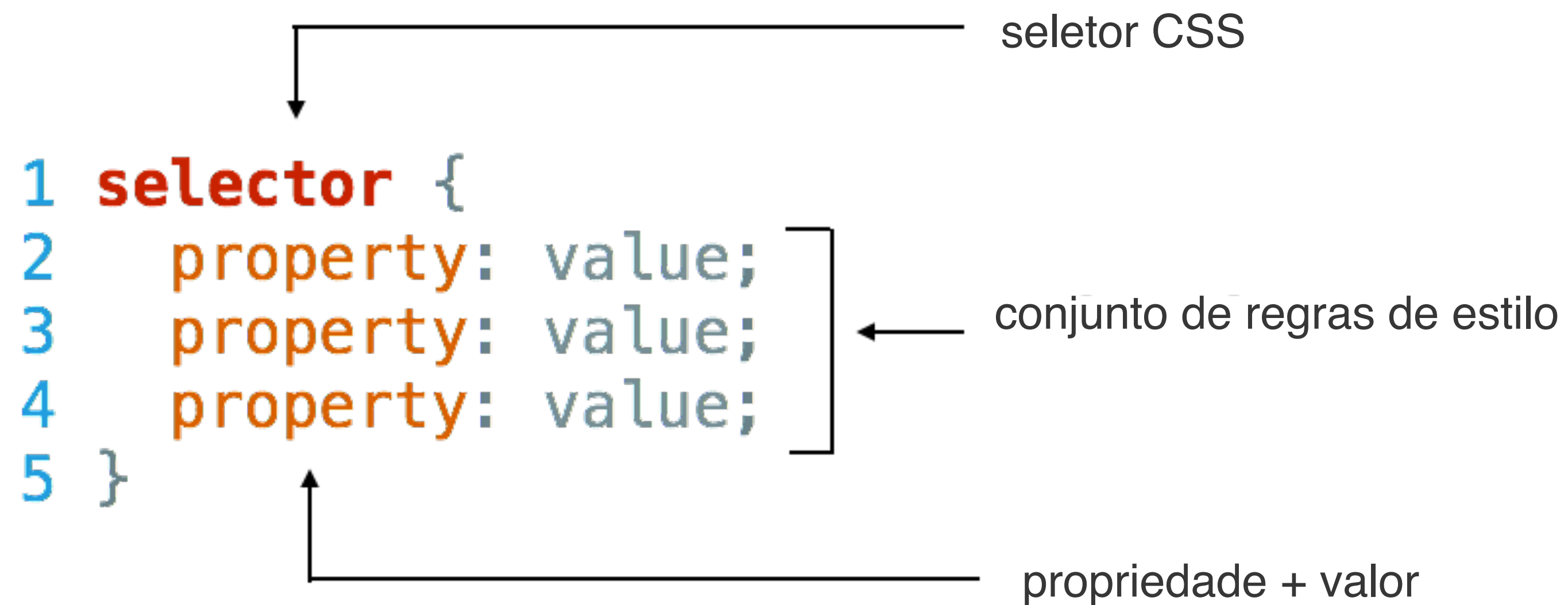
Highlights from the Chrome 88 update

# 1

## CSS 101



# Sintaxe CSS



# Exemplo CSS

estamos a seleccionar todos  
os **h2** da nossa página

```
1 h2 {  
2   color: red;  
3   font-size: 20px;  
4   font-family: arial;  
5 }
```



# Cores

```
h2 {  
  color: orange;  
  color: #FF530D; (sistema HEX)  
  color: rgb(255, 83, 13); (sistema RGB)  
  color: rgba(255, 83, 13, 0.5);  
}
```





# RGB grayscale



# Texto **vs. fundo**

```
1 body {  
2   color: orange;  
3   background-color: yellow;  
4 }
```

cor do texto

cor do fundo



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# Imagens como fundo

```
1 body {  
2   color: orange;  
3   background-image: url("background.jpg");  
4 }
```

imagem como fundo



# Fonte tipos

A

**serif**

font-family: Times New Roman;

A

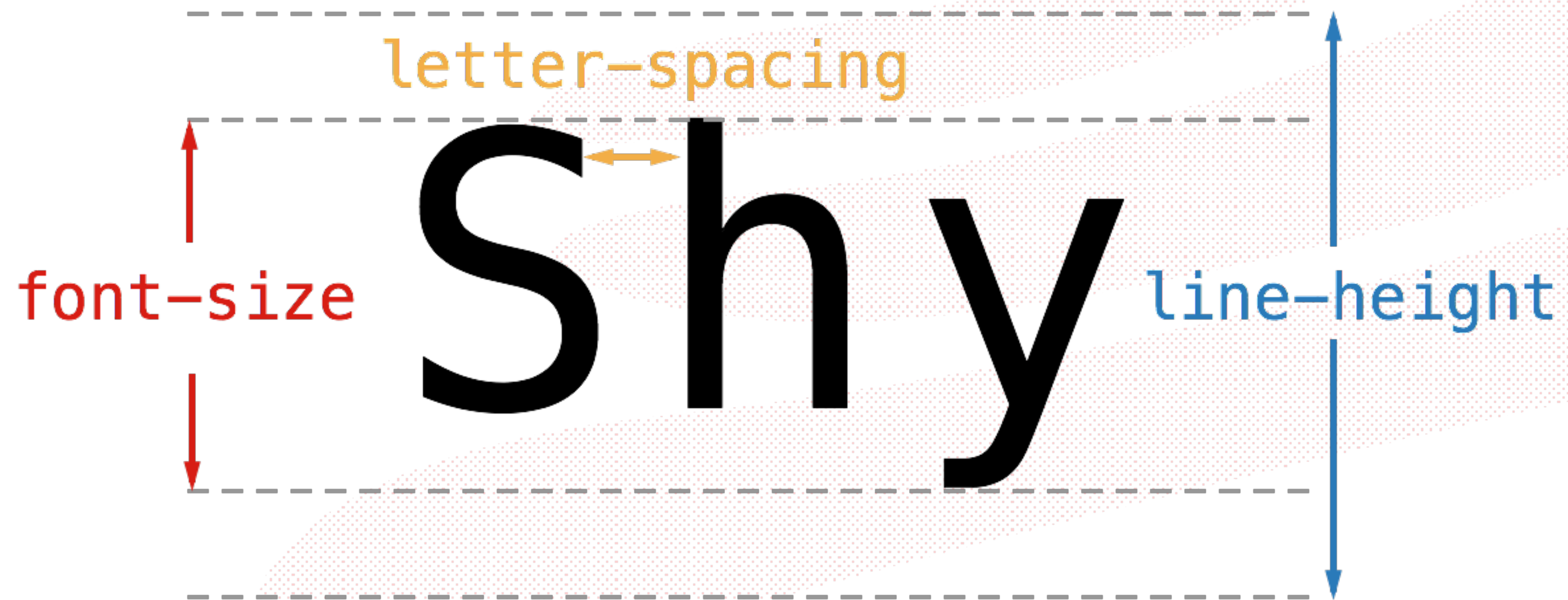
**sans-serif**

font-family: Arial;



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# Fonte tamanho e espaçamento



**Fonte** sublinhado

ab

```
text-decoration: none;  
text-decoration: underline;
```



# Fonte alinhamento

this is a  
paragraph  
centered with text-align

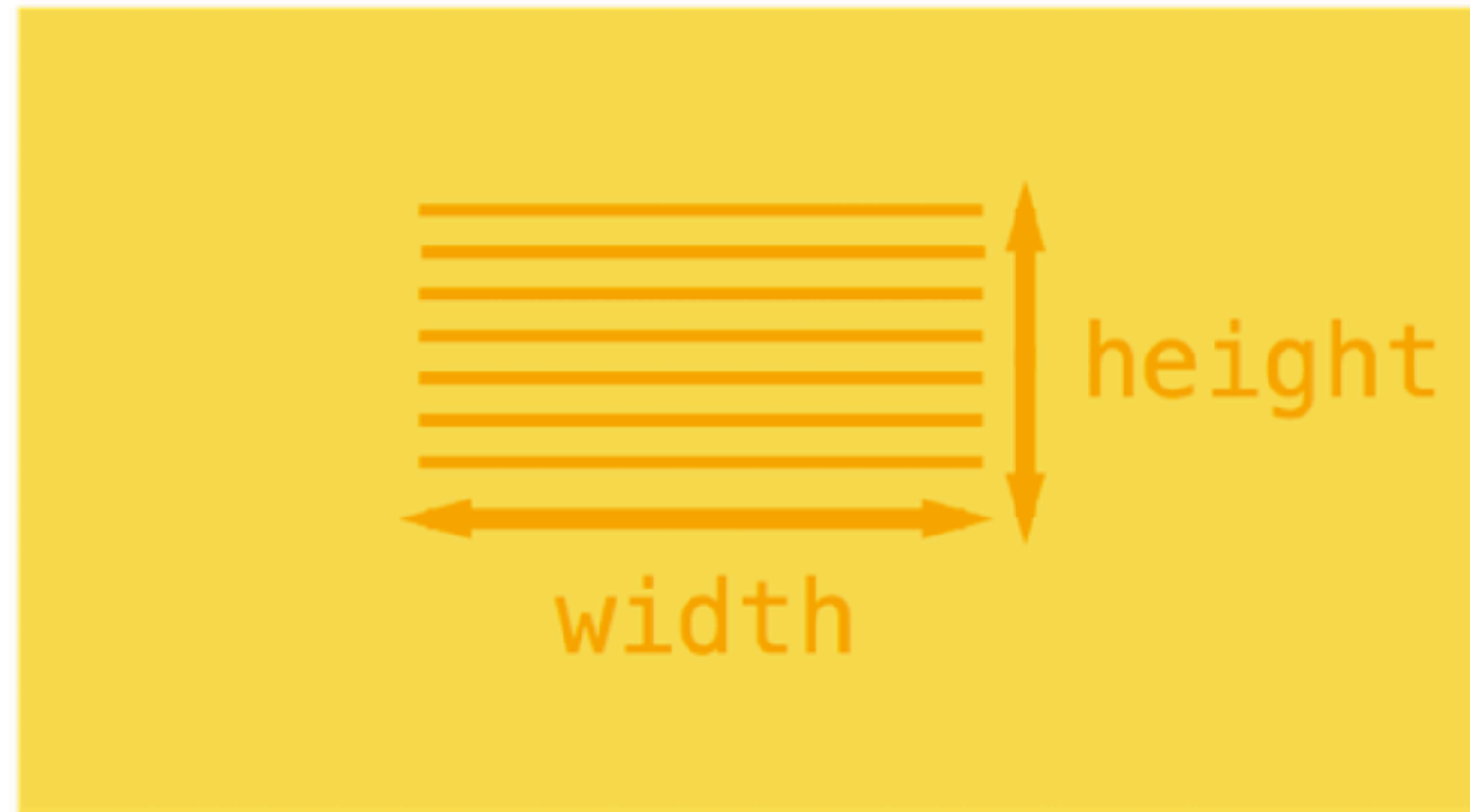
**text-align:** center;

# Fonte **espessura**

font-weight: normal; -> resultado

font-weight: bold; -> **resultado**

# Largura & altura





# Margem & espaçamento interno



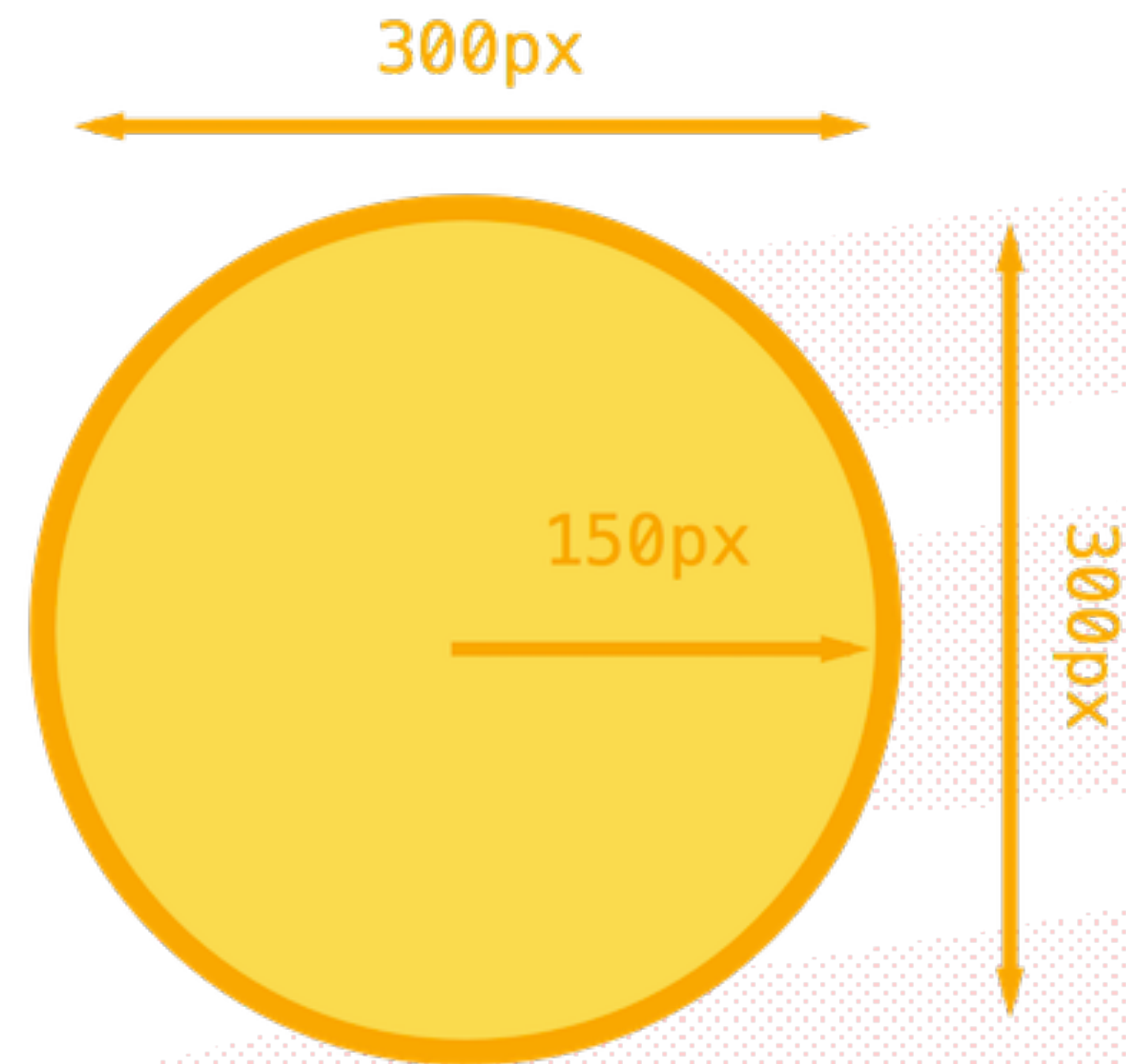
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# Arredondar cantos



```
border-radius: 5px;
```

# Fazer um círculo



`border-radius: 50%;`



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# Sombreado



`box-shadow: 2px 2px 3px blue;`

Diagram illustrating the components of the `box-shadow` CSS property:

- `2px`: Horizontal offset (indicated by a right-pointing arrow).
- `2px`: Vertical offset (indicated by a downward-pointing arrow).
- `3px`: Blur radius (indicated by a double-headed arrow).
- `blue`: Shadow color (indicated by a blue dot).

# Contorno

```
h2 {  
  border: 1px solid green;  
  border: 2px dashed #FF530D;  
  border: 2px dotted #FF530D;  
}
```



**Livecode!** 

# Vamos programar com CSS!



>\_





# 2

## Desenhar para a Web



# Design para a web

- atual / moderno (ver sites negócios semelhantes)
- blocos de texto pouco densos / linhas curtas
- não ter medo de espaço em branco / deixar página “respirar”
- imagens apelativas, qualidade adequada (1Mb fundo / 100Kb outras)
- vídeos curtos, qualidade adequada (30 / 40 segundos, 2 Mb)

# Design para a web

- boa versão para telemóvel ⚠
- continuidade entre páginas (cores, elementos, etc.)
- máximo de dois tipos de letra diferentes
- tamanho mínimo de letra: 16px

# Links úteis

- imagens gratuitas: <https://unsplash.com>
- teste cores: <https://colors.co>
- teste tipos de letra: <https://typ.io/>
- inspiração: [www.webdesign-inspiration.com](http://www.webdesign-inspiration.com)  
[www.awwwards.com](http://www.awwwards.com)
- redimensionamento imagens: <https://bulkresizephotos.com/en>



**Obrigada.**

